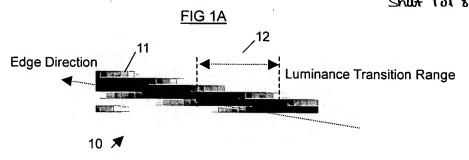
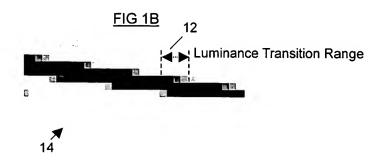
Applicant wong, each.
There method rapparatus for described the location and Luminance aparsition range of flant amage edges.
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APPLICANT: WANG, Et al.

Title: Menned + APPARATMS for

detecting the Location + Luminance

Transition Range of Slant I made Edges

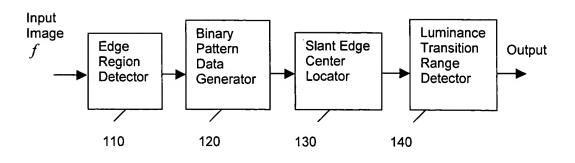
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SHEET 2 OF B

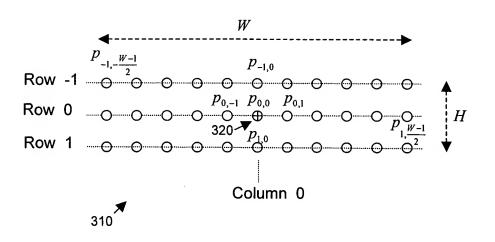
FIG 2



100

APPULANT: WANG. et al.
Title: Method + APPARATUS FOR
Detecting the Location + Luminance
Transition Range of SLATIMAGE EDGES
SERIAL NO.: NOT VET ASSIGNED
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SHEET 3 DF 8

FIG. 3



<u>300</u>

APPLICANT: NANG. et al.

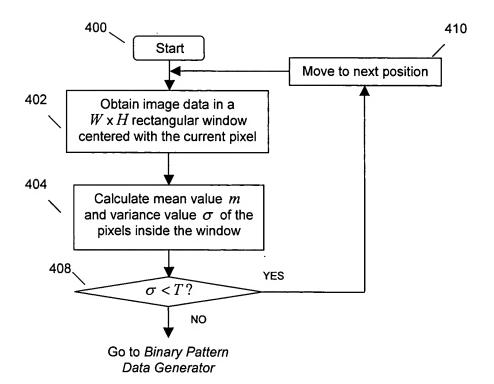
Title: METI-BO + APPARATUS FOR DETECTING
THE LOCATION LUMINANCE TRANS MON
RANGE OF SLANT IMAGE EDGES

SERIAL NO.: NOT VET ASSIGNED

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OUR REF NO.: SAMZ. PAV. 35

SHEET 4 OF 8

FIG 4



APPLICANT: WANGIETAL.

TITLE: METHOD + APPALATUS FOR

DETECTING THE LOCATION & LUMINANCE

TOANSITION RANGE OF SLANTINAGE EDGES

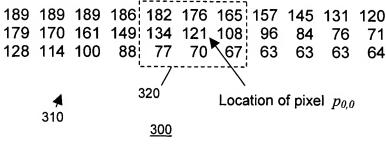
SECIAL NO.: NOT VET ASSIGNED

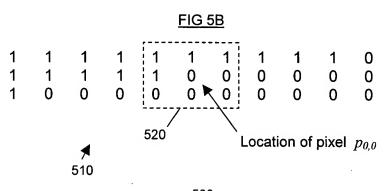
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SHEET 5 OF 8

FIG 5A





<u>500</u>

APPUCANT: WANG, ctal.

Title: McMod+ Apparatus for detecting
the location + Luminance Transition
Range of Stant Image EOGES,

Serial NO.: NOT YET ASSIGNED

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bur REF. NO.: SAM2. PAV. 35

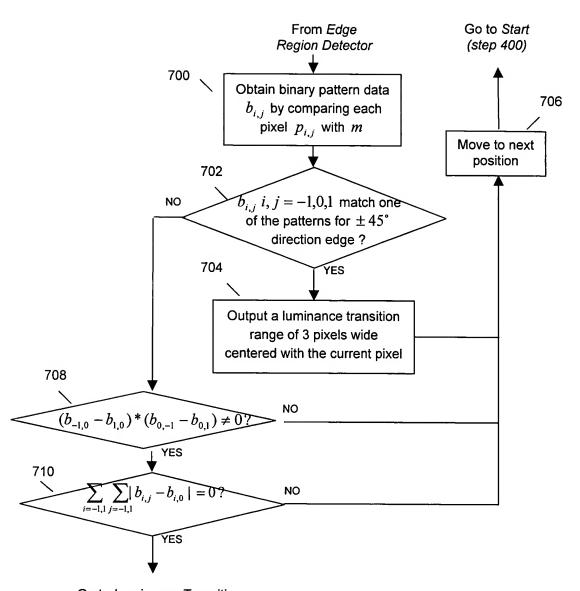
OHEET 60+8

F	<u>IG</u>	6

0 0 1	1 0 0	1 1 1	1 1 1
0 1 1	1 1 0	1 1 0	0 1 1
1 1 1	1 1 1	1 0 0	0 0 1
(a)	(b)	(c)	(d)
1 1 0	0 1 1	0 0 0	0 0 0
1 0 0	0 0 1	0 0 1	1 0 0
0 0 0	0 0 0	0 1 1	1 1 0
(e)	(f)	(g)	(h)

APPULANT: WANG, etal,
Title: Method + APPARATUSFOR DETECTING
THE LOCATION + LUMIN ANCETRANSMON
2 ANGE OF SLANT IMAGE EOGES
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## FIG 7



Go to Luminance Transition Range Detectior

APPLICANT: WANG, et al. Title ! meth d+ APPARATUS FOR OFTERNA THE LOCATION + LUMIN ANKETRANSMON RANGE OF SLANT IMAGE FOGES SERIAL NO.: NOTVET ASSIGNED FILED: HEREWITH REF. NO. SAMZ PAV. 35 SHEET 8 0 + 8 FIG 8 Go to Start (step 400) From Slant Edge Center Locator 809 800, Move to next Set k=2position 802 NO  $\sum_{i=1,0,1} (|b_{i,k} - b_{i,k-1}| + |b_{i,-k} - b_{i,-k+1}|) = 0?$ 806 YES k = k + 1804 YES 2 NO 808 Output a luminance transition range of W pixels wide centered with the current pixel 810 Output a luminance transition range of 2\*(k-1)+1 pixels wide centered with the current pixel